

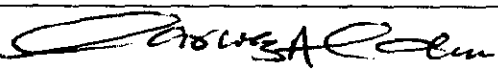
**Northwest Florida Water Management District
FLORIDA FOREVER COMPETITIVE GRANT PROGRAM
FY 2005-2006**

APPLICATION FORM

Please answer all of the questions in this form. An electronic version of this form can be obtained from the Northwest Florida Water Management District (NFWFMD) website (<http://www.nwfwmd.state.fl.us/>). Applications should adhere as closely as possible to this form - evaluation points may be deducted for missing information. If needed, District staff will contact the applicant to request additional information or supporting documents. *Return one original and three paper copies of this form, plus one (1) electronic file MS Word (CD or disc), to: Paul Thorpe, NFWFMD, 81 Water Management Dr., Havana, FL 32333.*

Applications must be received at District Headquarters by Monday September 26, 2005.

Please type (field will expand) or print clearly.

1. Project Name: Harbinwood Estates Drainage Improvements		
2. Name(s) of Applicant(s): Leon County		
3. Name, Address, & Phone Numbers of Project Manager		
Name:	Theresa B. Heiker, P.E.	
Mailing Address:	2280 Miccosukee Road	
City/State:	Tallahassee/FL	ZIP 32308
Phone:	850/488-8003	FAX 850/488-1260
E-mail address:	theresah@leoncountyfl.gov	
4. Signature and Date	The application must be signed and dated by an individual who has the appropriate authority to prepare and submit grant applications on behalf of the applicant(s).	
Signed:		Date 9/28/2005
Type or print name:	Parwez Alam	
Title:	County Administrator	
5. Funding Request/Matching Funds		
Note: Applicant shall pay all non-construction costs. District grant funds shall only be used for construction activities.		
Amount of money requested \$	\$1,000,000	
Total project cost \$	\$6,900,000	
Percentage of total project cost to be covered by the District:	14%	

6. Project Summary (Include water resource benefits, applicant or other local government entity that will own the capital improvement, and date of governing body action to transmit application.)

Leon County's project in the Lake Jackson Meginnis Arm Watershed involves improving and enlarging Lower Gwyndale Pond, restoring the Woodmont Pond site, paving the steeply graded Okeeheepkee Road currently discharging sediments to Lower Gwyndale Pond, and improving the culverts passing under Fuller Road. (The Okeeheepkee Road pavement is not part of this funding request but is an integral component of the water quality enhancement.)

7. Detailed project description

- a) Please provide a description of the proposed project. Include address, section, township, range. Identify the basin or watershed in which the project will take place (separate map attachments are acceptable). What are the project's specific water resource benefits? Does it correct an existing water quality problem, stormwater treatment etc.? Is the project underway or still in the planning stage?

Project description:

This project was originally conceived by the Northwest Florida Water Management District as part of the City of Tallahassee-Leon County Stormwater Management Plan of 1991. The District refined the project goals in the "Lake Jackson Okeeheepkee Basin Stormwater Alternatives Analysis and Plan" issued in February 1996.

The sediments scoured from the Okeeheepkee road surface have effectively filled Lower Gwyndale Pond. The sediments will be removed while the pond is modified to incorporate a stormwater treatment facility which can be readily maintained in the future. The treatment facility is a regional facility for the catchment, allowing the Woodmont Pond to be restored to natural grade and revegetated. The facility will provide stormwater retrofit for the residential areas developed prior to regulations. The pavement of Okeeheepkee Road will substantially reduce the amount of sediments entering Lower Gwyndale Pond.

1. Project Address/Location: The project occurs adjacent to Okeeheepkee Road north of US 27 to Fuller Road in Tallahassee, Leon County, Florida.

2. Section: 10 Township: 1N Range: 1W

Project's specific water resource benefits:

The project will provide water quality treatment for 232 acres within the Okeeheepkee Watershed, enhancing the effectiveness of the District's Okeeheepkee Prairie Regional Stormwater Facility to be constructed north of Fuller Road. Only isolated commercial sites within this urbanized watershed treat their stormwater. Presently none of the existing residential and local roadway areas are treated. The County's project is estimated to provide a net 57% reduction in discharge of suspended sediments (138,767 lbs. removed) in the Woodmont and Lower Gwyndale catchments.

3. Does project correct existing water quality problem? ☒ Yes ☐ No

If "Yes" describe:

The Okeeheepkee Basin currently discharges over 420,000 lbs. of total suspended solids to the Meginnis Arm of Lake Jackson. The problem was identified and evaluated by the District in a number of studies which recommend the capture of the stormwater sediments as a critical component of lake protection.

The District's 1996 Basin Plan states: "Studies related to ecological impacts to the Meginnis Arm portion of Lake Jackson (Livingston, 1993) have indicated severe ecological degradation of fish and lake vegetation habitats from polluted stormwater discharges in to the lake."

4. Project status: ☒ Underway ☐ Planning stage

- b) How well does the project correspond to the mission, goals, priorities and strategies as specified in the District's Florida Forever Work Plan, or other District plans (e.g. District Water Management Plan, SWIM Plans, Regional Water Supply Plan)?

The project will be implemented in conformance with the District's SWIM Plan for Lake Jackson, as detailed most recently in the 1996 "Lake Jackson Okeeheepkee Basin – Stormwater Alternatives Analysis and Plan". This project will complement the District's adjacent project – the Okeeheepkee Prairie Regional Stormwater Facility – currently in permitting.

- c) What is the impact of the problem to be addressed by the proposed project on water resources? What is the classification of the receiving waterbody? Does the waterbody have any special designations such as Outstanding Florida Water, State Aquatic Preserve, etc.?

The receiving waterbody is Lake Jackson, both a State Aquatic Preserve and an Outstanding Florida Water, and a designated priority waterbody for the Northwest Florida Water Management District SWIM program.

- d) Does the project offer cost-sharing and how much? Is the project a cooperative effort with more than one entity? (If there are other entities participating in cost-share, evidence of commitments from them should be provided). Has the project, or some tasks/phases of the project, received

District funding in the past? Does the project receive funding from another state or federal agency? Has the applicant established a stable, dedicated funding source, and are funding mechanisms in place or planned? **The applicant needs to provide evidence of project funding.**

1. Cost-sharing: ☒ Yes ☐ No Amount (if any): \$1.3 million (Blueprint)
2. Cooperative project: ☒ Yes ☐ No

If "Yes," please provide evidence of cost-share commitments:

The project development was funded and performed by the Northwest Florida Water Management District in cooperation with the Florida Department of Environmental Protection and Leon County. Land acquisition was funded through the Leon County 1999 Capital Improvement bond issue. Funding for the roadway improvements will be provided by Leon County; funding for the remainder of the stormwater management construction is currently programmed from the Blueprint 2000 – Water Quality Enhancement funds dedicated to Leon County. The Blueprint 2000 organization is a joint City of Tallahassee-Leon County program funded by the 1-cent sales tax extension approved in November 2000.

3. Past District funding: ☒ Yes ☐ No 5. Other agency funding: ☒ Yes ☐ No
4. Dedicated funding source: ☒ Yes ☐ No 6. Funding: ☒ In Place ☐ Planned

Evidence of project funding:

District SWIM funding was used to develop the 1996 "Lake Jackson Okeechepkee Basin – Stormwater Alternatives Analysis and Plan". Leon County's adopted FY 2005/06 budget identifies full funding for the project, relying on the Blueprint 2000 sales tax funds. District grant funds will allow other County projects to proceed in the Lake Jackson Basin using Blueprint 2000 funds.

- e) Will the proposed project require permits from the District and/or other government agencies? If "yes," explain the type of permit required and the estimated time frame needed to secure the permit. What is the estimated time that is required to complete the entire project or the portion of the project that requires cost-share? (If this project has more than one task, the District would not cost-share those sections of the project already underway.)

1. Permits required? ☒ Yes ☐ No

Type and time frame (if "Yes"):

- USACOE/FDEP Environmental Resource permit (D&F, Stormwater) received.
- Leon County Environmental Management Permit (Stormwater, Landscaping, Tree Removal) received.

2. Estimated time to complete project (or project portion): 140 days from Notice to Proceed to complete construction contract

f) Please provide a brief work plan including:

1. Major tasks to be accomplished:

Pre-construction Activities to be completed before project activities commence
Notice to Proceed

Grant Project Construction Activities

- Construct pond and control structures
- Grade embankment and construct overflow structure
- Construct drainage piping from new facility upstream to Woodmont Pond (block flow)
- Construct Okeeheepkee Road improvements, less pavement
- Install Fuller Road culvert
- Construct bypass berms; dewater and reconstruct Lower Gwyndale
- Construct ditching from Lower Gwyndale to Fuller Road
- Redirect stormwater to new facility; abandon and restore the Woodmont Pond
- Install stormwater facility underdrain and stilling basin
- Pave Okeeheepkee Road

2. Milestones:

Notice to Proceed - October 2005
Pond construction and grading - November 2005
Okeeheepkee Road improvements - December 2005
Fuller Road improvements - December 2005
Lower Gwyndale improvements - January 2006
Woodmont Pond restoration - January 2006
Okeeheepkee Road pavement - February 2006

3. Deliverables:

Project complete; facility operating permit issued by County Growth and Env. Management by March 2006

g) Please indicate whether the applicant qualifies as a small community as defined herein.*

☐ Qualifies ☒ Does not qualify

* For the purposes of this grant, a small community is defined as:

1. A county with a population of 75,000 or less;
2. A municipality within a county described in subparagraph 1.
3. Any incorporated community with a population of 10,000 or less.

8. Budget

Provide a detailed, itemized project budget by tasks, their associated costs, and funding obligation of the proposed funding entity. The applicant shall identify whether the proposed work is done in-house or contractual and how the grant money will be spent and whether the applicant's share is cash or in-kind services (see table, below).

Pre-construction design, permitting, and bid procurement tasks were completed and paid by Leon County, using both in-house and continuing services contractual services.

Surveying services were provided using continuing services contractual services.

Right of Way acquisition activities were done by Leon County in-house, with some minor activities done contractually using continuing service contractual services.

Construction Engineering & Inspection (CE&I) services are being provided by Leon County in-house.

Construction Activities are done contractually.

***For actual dollar amounts see the Grant Project Budget table.

GRANT PROJECT BUDGET TABLE

PROJECT: Okeeheepkee Basin Retrofit

APPLICANT: Leon County

Budget by Task	NWFWMD Grant	Matching Funds	Source
1) Design		\$101,710	Leon County
2) Surveying		\$10,610	Leon County
3) Permitting		\$15,800	Leon County
4) Land Acquisition (or value) ²		\$160,000	Leon County
5) Construction	\$500,000	\$800,000	Blueprint 2000
6) Other (Specify)			
Total	\$500,000	\$1,088,120	

Notes:

- (1) All non-construction costs shall be paid by applicant. NWFWMD grant funds shall only be used for construction activities.
- (2) Acres acquired or perpetually conserved and cost or estimated value.
- (3) Describe if in-kind match.

Return two (2) paper copies and one (1) electronic file MS Word (CD or disc) to:

**Paul Thorpe
 NWFWMD
 81 Water Management Dr.
 Havana, FL 32333**

Applications must be received at District Headquarters by 3:00 PM EDT on Monday September 26, 2004 for consideration.